KS Grade Level FOCUS for Third Grade

Standards should provide *focus*, *coherence*, and *rigor*. This document shows educators the concepts and topics that should be the *focus* for their grade level. By emphasizing some clusters of mathematics over others, the *coherence* between grades will assist students in building key ideas and essential concepts that are revisited at more depth in later grades.

Though some standards have a greater emphasis than others, they cannot be ignored. These standards should support the major areas of focus for each grade level and provide a foundation for future topics.

To assist with curriculum mapping and the curriculum adoption process, a set of Grade Level Focus worksheets http://bit.ly/GLF-Worksheet have been produced for districts and schools to use.

Major, Supporting, and Additional Clusters for Third Grade

Mathematics is best when focusing at the cluster level instead of at the standard level. This structure provides better coherence and connectivity. The major work of the grade level should focus on the major clusters. The supporting and additional clusters should support the major clusters and provide foundational ideas for future mathematics.

▶ **Major Clusters**   ◆ **Supporting Clusters**   ● **Additional Clusters**

3.OA.A	▶	Represent and solve problems involving multiplication and division.
3.OA.B	▶	Understand properties of multiplication and the relationship between multiplication and division.
3.OA.C	▶	Multiply and divide within 100.
3.OA.D	▶	Solve problems involving the four operations, and identify and explain patterns in arithmetic.
3.NBT.A	●	Use place value understanding and properties of operations to perform multi-digit arithmetic.
3.NF.A	▶	Develop understanding of fractions as numbers.
3.MD.A	▶	Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
3.MD.B	◆	Represent and interpret data.
3.MD.C	▶	Geometric measurement: understand concepts of area and relate area to multiplication and to addition.
3.MD.D	●	Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.
3.G.A	◆	Reason with shapes and their attributes.

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Required Fluencies (flexibly, efficiently, and accurately) for Third Grade:

3.OA.C.7	▶	Single-digit products and quotients (products from memory using strategies by the end of Grade 3). (See Counting and Cardinality and Operations and Algebraic Thinking Progression K-5 Pg. 26-27.)
3.NBT.A.2	●	Add and subtract within 1000.